

**CONSTRUCTION  
UPDATE**

# Sanctuary Learning Center

**CURRENT PROJECT STATUS  
as of December 2005**

During the first phase of construction, the site was graded and sand was moved to replenish the existing sand dune system adjacent to the property in coordination with the County of Maui. Restoration efforts to stabilize the sand dunes and the eroding shoreline were impacted by winter swells. Long-term protection of the shoreline is a concern that still needs to be addressed.

Over 50 piles were driven in order to provide the base for the new building. The majority of the piles were driven over a 3-day span to minimize impacts to neighbors. Preliminary investigations indicated that the pile driving on land would have no acoustic impact to marine life, but in order to verify this the sanctuary commissioned a study to determine the underwater noise levels associated with the pile driving operation. The research team reported that a signature of the pile driving sound was recorded, however it was very faint. Preliminary assessment is that pile driving on land had a negligible affect on the whales.

The next phase of construction will be installation of the underground electrical and plumbing scheduled to start in January and completed in just over a week.



*Over 50 pilings were put in place for the building.*

## Construction Schedule

Activity	Status
Building Construction	<i>August 2006 Completion</i>
Parking lot, other requirements	<i>Unfunded</i>
Occupancy	<i>To Be Determined</i>

## PURPOSE

Construction on the new multipurpose building for the Hawaiian Islands Humpback Whale National Marine Sanctuary began at the end of October 2005. Construction of the building will provide for an expanded facility for research and education programs that will enhance humpback whale protection in Hawai'i. The new facility will also offer additional opportunities for education on the marine environment and provide a venue for community meetings. This new building will complement the existing "landmark" blue office building and mural painted education center.



*Shoreline restoration before and after the winter swell*

## PROJECT MANAGEMENT

This new facility is being constructed for the Hawaiian Islands Humpback Whale National Marine Sanctuary which is managed by the National Oceanic and Atmospheric Administration (NOAA) and the State of Hawaii through the Department of Land and Natural Resources. The project is managed for NOAA by the Naval Facilities Engineering Command Pacific (NAVFAC Pacific) which is based in Honolulu. Construction of the facility has been contracted to Oceanic Companies, Inc. by NAVFAC Pacific.

## MORE INFORMATION

Please visit the website at [http://hawaiihumpbackwhale.noaa.gov/special\\_offerings/sp\\_off/kfp/kfp.html](http://hawaiihumpbackwhale.noaa.gov/special_offerings/sp_off/kfp/kfp.html) for project overview and other information. Continued feedback from Kīhei residents, businesses and visitors is encouraged by emailing [hihumpbackwhale@noaa.gov](mailto:hihumpbackwhale@noaa.gov).



# SANCTUARY LEARNING CENTER

## HAWAIIAN ISLANDS HUMPBACK WHALE NATIONAL MARINE SANCTUARY

*A new facility for research and public education programs that will enhance humpback whale protection in Hawai'i.*

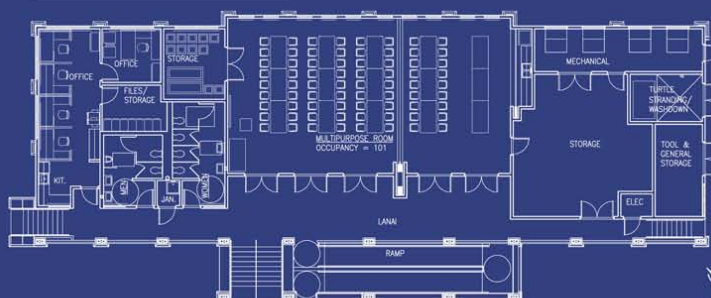


SOUTH ELEVATION

Conceptual Design by Architects Pacific, Inc.

FLOOR PLAN

EAST ELEVATION



### ***Building a New Facility***

<b>Purpose:</b>	Provide office space for additional staff, work and storage space, and multipurpose facilities for education programs, trainings and community meetings.
<b>Designer:</b>	Architect Pacific, Inc.
<b>Project Management:</b>	Naval Facilities Engineering Command Pacific (NAVFAC Pacific)
<b>Contractor:</b>	Oceanic Companies, Inc.
<b>Architectural Style:</b>	Hawaiian Style or Kamaaina Style
<b>Materials:</b>	Wood framed wall and roof, asphalt shingles, tile and vinyl flooring
<b>Floorplan:</b>	Multipurpose room with occupancy of 101 Office space for 5 staff Restrooms - Men's and Women's Workshop, tool and equipment storage Turtle stranding care room
<b>Dimensions:</b>	125 feet by 37 feet; 31 feet high at roof peak; 4,625 square feet
<b>Parking:</b>	Future plans for 32 stalls including 2 ADA
<b>Funding:</b>	Congressional appropriation for design and construction - \$3.3 million
<b>Completion Date:</b>	August 2006 for building only



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